

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Hiroaki Yoshida et al.

Serial No.:

10/553,274

Filed:

October 13, 2005

For: Thermoconductive Addition-Curable
Liquid Silicone Rubber Composition
And Coated Fixing Roll

Commissioner for Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450

Docket No.:

71,051-022

Group Art Unit:

unknown

Examiner:

unknown

I hereby certify that the enclosed Information Disclosure Statement and attached SB/08/A and/or SB/08/B are being transmitted to the Commissioner of Patents, PO BOX 1450, Alexandria, VA 22313-1450 via EFS transmission on the date shown below.

October 13, 2006
Date

/Sunder Barry/
Sunder Barry

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Applicant(s) submit(s) herewith patents, publications, or other information, of which they are aware that they believe may be material to the examination of this application, and in respect of which, there may be a duty to disclose in accordance with 37 C.F.R. §1.56.

The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made (37 C.F.R. 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists. The filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner.

- ☒ Submitted herewith is Form PTO/SB/08A and/or PTO/SB/08B (Modified) listing patents, publications, or other information for consideration by the Office.

COPIES PROVIDED:

- ☒ Legible copies of all items listed on Form PTO/SB/08A and/or PTO/SB/08B accompany this Information Disclosure Statement, except copies of U.S. patents, U.S. patent application publications, copies of U.S. applications that were filed on or after June 30, 2003, and copies of U.S. applications that were filed before June 30, 2003 that are available in the Image File Wrapper System.

- ☐ Under 35 U.S.C. §120, this application relies on the earlier filing date of prior application Serial No. [], filed on []. The following references were submitted to and/or cited by the Office on this prior application and are therefore not required to be provided in this application:

- ☐ In accordance with 37 C.F.R. §1.98(c), a copy of only [] is being submitted with this Information Disclosure Statement, and is cumulative of the following patents or publications listed on Form PTO/SB/08A:

FOREIGN LANGUAGE DOCUMENTS

- ☐ There are no foreign language documents listed on Form PTO/SB/08A.
- ☒ English language abstract for the following non-English references are enclosed:

Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document
JP5-297747	11/12/1993	Fujimoto et al.
JP9-012893	01/14/1997	Yoshida et al.
JP10-039666	02/13/1998	Kurosawa et al.
JP11-060955	03/05/1999	Shiyudo et al.
JP11-116806	04/27/1999	Swada
JP11-158383	06/15/1999	Yoshida et al.
JP11-222558	08/17/1999	Yoshida et al.
JP42-22924	12/26/1967	n/a

- ☐ Submitted herewith is an English translation of the following foreign language patents, publications or information or of portions of those patents, publications or information considered to be material:
- ☒ No English language translations of the foreign language patents, publications or information or parts thereof are readily available, except for those listed above.
- ☐ The following foreign language documents are believed to be the equivalent or substantial equivalent of the English language documents identified below, which are also submitted herewith:

Cited Art	English Equivalent
JP51-24377	GB1393078
JP53-12541	GB1534709
JP2002072728	US6569536

- ☐ Submitted herewith is an English language version of a PCT search report listing information not in the English language and indicating the degree of relevancy found by the International Bureau of WIPO, in satisfaction of the requirement (under 37 C.F.R. §1.98(a)(3)) for a concise explanation of the relevance of non-English information.
- ☒ A concise explanation of the relevance of the following listed non-English language information is included as presently understood by the individual designated in 37 C.F.R. §1.56(c) most knowledgeable about the content of the information as set forth below:

**Foreign Patent
Document**

Explanation of Relevance

- JP 5-297747 The relevancy of this document as presently understood is obtained from the English language abstract which indicates that this document discloses an inner layer consisting of a cured silicone rubber composition and an outer layer of a fluororesin on the outer peripheral surface of a roll core shaft.
- JP 9-012893 The relevancy of this document as presently understood is obtained from the English language abstract which indicates that this document discloses an addition-curable silicone rubber composition, for a hot fixation roller.
- JP 10-039666 The relevancy of this document as presently understood is obtained from the English language abstract which indicates that this document discloses a a fixing roller having a silicone rubber elastic layer on an outer periphery of a metal core, wherein the silicone rubber elastic layer is addition curable.
- JP 11-060955 The relevancy of this document as presently understood is obtained from the English language abstract which indicates that this document discloses a silicone rubber fixing roll coated with fluororesin or fluorolater where the silicone rubber layer of the fixing roll is formed from a specific curable silicone rubber composition.
- JP 11-116806 The relevancy of this document as presently understood is obtained from the English language abstract which indicates that this document discloses a silicone rubber composition covering a fixation roll, where the composition is made by blending a heat curing silicone rubber with alumina.
- JP 11-158383 The relevancy of this document as presently understood is obtained from the English language abstract which indicates that this document discloses a fixing roller covered with a particular heat conductive silicone rubber composition.
- JP 11-222558 The relevancy of this document as presently understood is obtained from the English language abstract which indicates that this document discloses a liquid addition-curable silicone rubber composition for a fluororesin-coated fixing roll.
- JP42-22924 The relevancy of this document as presently understood is obtained from the English language abstract which indicates that this document discloses catalysts useful for the reaction between silicon bonded SiH and aliphatically unsaturated bonds.

- ☐ A concise explanation of the relevance of the following listed non-English language information is set forth in the above-identified specification:

CERTIFICATION:

- ☒ The Information Disclosure Statement transmitted herewith is being filed **within** three (3) months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office Action on the merits, whichever event occurs last. 37 C.F.R. §1.97(b). Accordingly, it is believed that no certification or fee is due.
- ☐ The Information Disclosure Statement transmitted herewith is being filed **after** three (3) months of the filing date of the application or the date of entry into the national stage of an international application or after the mailing date of a first Office Action on the merits, whichever event occurred last but **before** the mailing date of either a final action under 37 C.F.R. §1.113 or a Notice of Allowance under 37 C.F.R. §1.311, whichever occurs first. Accordingly, I hereby certify that:
- ☐ each item of information contained in the Information Disclosure Statement was

cited in a communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing of the Information Disclosure Statement; 37 C.F.R. §1.97(e)(1); **OR**

- ☐ no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to my knowledge as the person signing this certification after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in §1.56(c) more than three (3) months prior to the filing of this statement; 37 C.F.R. §1.97(e)(2); **OR**
- ☐ Applicant elects the option to pay the fee set forth in 37 C.F.R. §1.17(p) for submission of an Information Disclosure Statement under 37 C.F.R. §1.97(c). If a check is not enclosed, please charge the **\$180.00** IDS submission fee to Howard & Howard Attorneys PC **Deposit Account No. 08-2789**. A duplicate of this paper is enclosed.
- ☐ The Information Disclosure Statement transmitted herewith is being filed **After a Final Action** under 37 C.F.R. §1.113, or **After a Notice of Allowance** under 37 C.F.R. §1.311, whichever occurs first, but is being filed on or **Before Payment of the Issue Fee**. Accordingly, I hereby certify that:
- ☐ each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing of the statement; 37 C.F.R. §1.97(e)(1); **OR**
- ☐ no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to my knowledge as the person signing this certification after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in §1.56(c) more than three (3) months prior to the filing of this statement; 37 C.F.R. §1.97(e)(2); **AND**
- ☐ Applicant hereby petitions for consideration of this Information Disclosure Statement; 37 C.F.R. §1.97(d)(2)(ii). If a check is not enclosed, please charge the petition fee of **\$180.00** Howard & Howard Attorneys PC **Deposit Account No. 08-2789**. A duplicate of this paper is enclosed.

The Commissioner is authorized to charge Howard & Howard Attorneys PC Deposit Account No. 08-2789 for any additional fees due hereunder.

Respectfully submitted

Reg. No.: 46,295

/David M. LaPrairie/
David M. LaPrairie

October 13, 2006
Date

Howard & Howard Attorneys PC
The Pinehurst Office Center, Suite 101
39400 Woodward Avenue
Bloomfield Hills, MI 48304-5151
Tel. No.: (248) 723-0442

Customer No. 27305